

Abnormal Thyroid Function Following COVID-19 Vaccination

Sir,

We would like to share ideas on new evidence of abnormal thyroid function following the COVID-19 vaccination. Lastra *et al.* noted that Graves' disease might occur after SARS-CoV-2 vaccination^[1] and noted that adjuvants might induce disorder. Recently, there have been some reports on thyroid problems following vaccinations.^[1,2] We agree that the adjuvant might cause alteration of the immune system and cause thyroid problems. Nevertheless, there might also be other possible pathomechanisms. Pathophysiologically, administration of the COVID-19 vaccine results in increased blood viscosity and might cause hyperviscosity.^[2] If hyperviscosity occurs, it can result in an aberrantly increased thyroid hormone level.^[3] It is interesting to have a further study on thyroid function among healthy and thyroid patients who receive the COVID-19 vaccination.

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Conflicts of interest

There are no conflicts of interest.

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